

SEQ ID NO 83	MILDTDYITKDGKPIIRIFKKENGGEFK---IELDPHFQPYIYALLKDDSAIEEIKAIKGERHGKTIVR-VLDAVKVRKKFLGREV	80
SEQ ID NO 84	MILDTDYITKDGKPIIRIFKKENGGEFK---IELDPHFQPYIYALLKDDSAIDEIKAIKGERHGKIVR-VVDAVKVKKFLGRDV	80
SEQ ID NO 85	MIIDADYITEDGKPIIRIFKKENGGEFK---VEYDRTRFPYIYALLKDDSAIDEITA---ERHGKIVR-ITEVEKVQKKFLGRPI	80
SEQ ID NO 86	MILDADYITEDGKPIIRIFKKENGGEFK---VEYDRNFRPYIYALLRDDSAIDEIKKITAQRHGKVVR-IVETEKIQKKFLGRPI	80
SEQ ID NO 87	MIIDADYITEDGKPIIRIFKKENGGEFK---VEYDRTRFPYIYALLKDDSAIDEVKKITAERHGKIVR-ITEVEKVQKKFLGRPI	80
SEQ ID NO 88	MILDADYITEDGKPIIRIFKKENGGEFK---VEYDRNFRPYIYALLKDDSQIDEVRKITAERHGKIVR-IIDAEKVKKFLGRPI	80
SEQ ID NO 89	MILDVDYITEEGKPVIRLFFKKENGGEFK---VEHDRTRFPYIYALLRDDSKIEEVKKITGERHGKIVR-IVDVEKVEKKFLGKPI	80
SEQ ID NO 90	MILDVDYITENGKPVIRVFFKKENGGEFR---IEYDREFEPYFYALLRDDSAIEEIKKITAERHGRVVK-VKRAEKVKKFLGRSV	80
SEQ ID NO 91	MILDTDYITENGKPVIRVFFKKENGGEFK---IEYDRTFEPTFYALLKDDSAIEDVKVKTAKRHGTIVK-VKRAEKVQKKFLGRPI	80
SEQ ID NO 92	MILDTDYITEDGKPVIRIFKKENGGEFK---IEYDRTFEPYFYALLKDDSAIEEVKKITAERHGTIVT-VKRVEKVQKKFLGRPV	80
SEQ ID NO 93	MILDTDYITEDGKPVIRIFKKENGGEFK---IDYDRNFEPYIYALLKDDSAIEDVKKITAERHGTIVR-VVRAEKVKKFLGRPI	80
SEQ ID NO 94	MILDTDYITEDGRPVIRVFFKKENGGEFK---IEYDRDFEPYIYALLKDDSAIEDVKKITASRHGTIVR-VVRAGKVKKFLGRPI	80
SEQ ID NO 95	VLLDIDYVTVDVVPVIRLFGKDKSGGNEPIIAHDSFRPYIYAIPDLDDECLRELEELELEKLEV-----KEMRDLGRPT	81
SEQ ID NO 96	ALIDNTYKTIEDKAVIYLYLINS-----ILKDRDFKPYFYVELHKEKVENEDIEKIKEFLLKNDLLKFVENIEVVKKIILRK	88
SEQ ID NO 97	VLLDSSYEILGKEPVVILWGITLDGKR---VVLLDHRFRPYFYALIARGYEDMVEEIAASIRRLSVVKSPIIDAKPLDKRYFGRP	89
SEQ ID NO 98	SRVVVYFG-----EFRPYFYVLPDGSVGLDQLAAMIRRLSRPSSP-ILSVERVRRRFIGREV	74
SEQ ID NO 99	WLIDADYETIGGKAVVRLWCKDDQGIF---VAYDYNFDPYFYVIGVDEDILKNAATSTRREVILKS---FEKAQLKTLGREV	83
SEQ ID NO 100	MILDADYITEDGKPVIRVFFKKENGGEFK---IDYDRDFEPYIYALLKDDSAIEDIKKITAERHGTIVR-VTRAERVKKFLGRPV	80
SEQ ID NO 101	MILDTDYITENGKPVIRVFFKKENGGEFK---IEYDRTFEPYFYALLKDDSAIEDVKVKTAKRHGTIVK---RAEKVQKKFLGRPI	80
SEQ ID NO 102	WLIDADYETIGGKAVVRLWCKDDQGIF---VAYDYNFDPYFYVIGVDEDILKNAATSTRREVILKS---FEKAQLKTLGREV	83
SEQ ID NO 103	MDLDYNSKDLCIDMYYNKCLGKKEIN-LQKECEFPYFYVDTSEPKEIYDVLGDLNQEIDLKLEPEFENNTSLKVQDLIT	81
SEQ ID NO 104	WPLDITYAVVGSVPPIRIFGILSSGERV--VLIDRSFKPYFYVDCAVCEPAALKTALSRVAPIDDVQIVERRFLGRSK	81
SEQ ID NO 105	LLVSATYDSQAGAVVLKFYEPESQKIVH--WTDNTGHKPYCYTRQPPSELGELEG-REDVLG-TEQVMRHDLIADKDV	87
SEQ ID NO 106	FLLQVDYDGKKSRAVKCLYDKEGKKIYI---QDESGHKPYFLTDIDPKVNKIKTVRDPSPDHLELI---NKVDPYTGKKI	127
SEQ ID NO 107	FLLQVDYDGKKSKAICKLYDKETKKIYI-L-YDNTGHKPYFLTDIDPEKVNKIPKTVRDPSPDHLETV---IKIDPYSGNKI	128
SEQ ID NO 108	FLLQVDYDGKKGKAVCKLFDKETQKIYA-L-YDNTGHKPYFLVDLEPKVKGKIPKIVRDPSPDHLETV---SKIDPYTNWKF	128

SEQ ID NO 83	EVW-----KLIFEHPQDVPAAMRGKIREHP-----AVVDIYEYDIPFAKRYLIDK	124
SEQ ID NO 84	EVW-----KLIFEHPQDVPAALRGKIREHP-----AVIDIYEYDIPFAKRYLIDK	124
SEQ ID NO 85	EVW-----KLYLEHPQDVPAIREKIREHP-----AVVDIFEYDIPFAKRYLIDK	124
SEQ ID NO 86	EVW-----KLYLEHPQDVPAIRDKIREHP-----AVVDIFEYDIPFAKRYLIDK	124
SEQ ID NO 87	EVW-----KLYLEHPQDVPAIREKIREHP-----AVVDIFEYDIPFAKRYLIDK	124
SEQ ID NO 88	EVW-----RLYFEHPQDVPAIRDKIREHS-----AVIDIFEYDIPFAKRYLIDK	124
SEQ ID NO 89	TVW-----KLYLEHPQDVPTIREKVREHP-----AVVDIFEYDIPFAKRYLIDK	124
SEQ ID NO 90	EVW-----VLYFTHPQDVPAIRDKIRKHP-----AVIDIYEYDIPFAKRYLIDK	124
SEQ ID NO 91	EVW-----KLYFNHPQDVPAIRDRIRAHP-----AVVDIYEYDIPFAKRYLIDK	124
SEQ ID NO 92	EVW-----KLYFTHPQDVPAIRDKIREHP-----AVIDIYEYDIPFAKRYLIDK	124
SEQ ID NO 93	EVW-----KLYFTHPQDPAIRDRIKEHP-----AVVDIYEYDIPFAKRYLIDK	124
SEQ ID NO 94	EVW-----KLYFTHPQDVPAIRDKIREHP-----AVVDIYEYDIPFAKRYLIDK	124
SEQ ID NO 95	EVI-----RIEFRHPQDVPKIRDRIKIDLE-----SVRDIREHDIPFYRRYLIDK	127
SEQ ID NO 96	EKE-----VIKIATHPQKVPKLRKRIKE-----CEIVKEIYEHDIPFAKRYLIDN	135
SEQ ID NO 97	RKAV-----KITTMIPESVRHYREAVKKIE-----GVEDSLEADIRFAMRYLIDK	136
SEQ ID NO 98	EAL-----KVTTLPASVREYREAVRRLG-----GVRDVLEADIPFALRYIIDF	118
SEQ ID NO 99	E-----GYIVYAHHPQHVPKLRDYLSQL-----FGDVREADIPFAYRYLIDK	126
SEQ ID NO 100	EVW-----KLYFTHPQDVPAIRDKIREHPA-----VVDIYEYDIPFAKRYLIDR	126
SEQ ID NO 101	EVW-----KLYFNHPQDVPAIRDRIRAHP-----AVVDIYEYDIPFAKRYLIDK	126
SEQ ID NO 102	E-----GYIVYAHHPQHVPKLRDYLSQL-----FGDVREADIPFAYRYLIDK	127
SEQ ID NO 103	NIEIEKIVSYDYLNGKDISEVSDFNKKKERKICKVYVKYPNHVKIIREYF-----KEFGKSYEFDIPFLRRYMIDQ	155
SEQ ID NO 104	K-----FLKVIKIPEDVRKLRREAMSIP-----VSGVYEDIRFYMYRMIDMG	130
SEQ ID NO 105	P-----VTKITVADPLAIGGTNSEKSIRNIMDTWESDIKYENLYDKSLVVGRY	136
SEQ ID NO 106	RLT-----KIVVKDPLAVRRMRSS-----LPKAYEAHIKYNNYVYDN	166
SEQ ID NO 107	KLT-----KIVVKDPLAVRRMRNS-----VPKAYEAHIKYFNYYIDL	166
SEQ ID NO 108	KLT-----KIVVRDPLAVRRLRND-----VPKAYEAHIKYFNMYDI	166

SEQ ID NO 83 -----GLIPMEGDDEE 133  
SEQ ID NO 84 -----GLIPMEGDDEE 133  
SEQ ID NO 85 -----GLTPMEGNEE 133  
SEQ ID NO 86 -----GLTPMEGNEK 133  
SEQ ID NO 87 -----GLTPMEGNEE 133  
SEQ ID NO 88 -----GLIPMEGDDEE 133  
SEQ ID NO 89 -----GLIPMEGEEE 133  
SEQ ID NO 90 -----GLIPMEGEEE 133  
SEQ ID NO 91 -----GLIPMEGDDEE 133  
SEQ ID NO 92 -----GLVPMEGDDEE 133  
SEQ ID NO 93 -----GLIPMEGDDEE 133  
SEQ ID NO 94 -----GLIPMEGDDEE 133  
SEQ ID NO 95 -----SIVPME 132  
SEQ ID NO 96 -----EIIPMT 140  
SEQ ID NO 97 -----RLYPFT 141  
SEQ ID NO 98 -----NLYPMR 123  
SEQ ID NO 99 -----DLACMD 131  
SEQ ID NO 100 -----GLIPME 131  
SEQ ID NO 101 -----GLIPME 131  
SEQ ID NO 102 -----DLACMD 132  
SEQ ID NO 103 -----DIVPSA 160  
SEQ ID NO 104 -----VVPCS 135  
SEQ ID NO 105 YSVSGGKVIPHDMPISEVKLALK 160  
SEQ ID NO 106 -----GLIPGLIYKV 175  
SEQ ID NO 107 -----GLIPGLPYV 175  
SEQ ID NO 108 -----GLIPGMPYV 175